

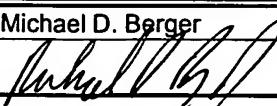
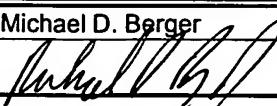
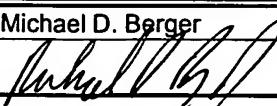
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11324 U.S.PTO

PTO/SB/05 (08-03)

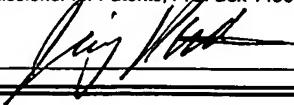
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY</b> <b>PATENT APPLICATION</b> <b>TRANSMITTAL</b> <small>(ONLY FOR NEW NONPROVISIONAL APPLICATIONS UNDER 37 CFR 1.53(B))</small>		Attorney Docket No.	61683-00005USPT																																			
		First Inventor	Ka-Yiu San																																			
		Title	INCREASED BACTERIAL COA AND ACETYL-COA POOLS																																			
		Express Mail Label No.	EV382165364US																																			
<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>			MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																																			
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(SUBMIT AN ORIGINAL, AND A DUPLICATE FOR FEE)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <b>23</b>] (preferred arrangement set forth below)           <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>11</b>]</p> <p>5. Oath or Declaration [Total Sheets <b>  </b>]           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i></li> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> SIGNED STATEMENT ATTACHED DELETING INVENTOR(S) NAMED IN THE PRIOR APPLICATION, SEE 37 CFR 1.63(D)(2) AND 1.33(B).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>																																						
<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:               <ul style="list-style-type: none"> <li>i. <input checked="" type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input checked="" type="checkbox"/> Paper</li> </ul> </li> <li>c. <input checked="" type="checkbox"/> Statements verifying identity of above copies</li> </ul> </p>																																						
<b>ACCOMPANYING APPLICATION PARTS</b>																																						
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (<i>when there is an assignee</i>)</p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (<i>if foreign priority is claimed</i>)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Check for \$688.00 #158815 Check for \$40.00 #158874 Certificate of Mailing 1.10</p>																																						
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior application No.: <b>60/457093</b></p> <p>Prior application information: Examiner <b>N/A</b> Art Unit: <b>N/A</b></p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>																																						
<b>19. CORRESPONDENCE ADDRESS</b>																																						
<p><input checked="" type="checkbox"/> Customer Number: <b>24238</b> OR <input checked="" type="checkbox"/> Correspondence address below</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Name</td> <td colspan="5">JENKENS &amp; GILCHRIST, A PROFESSIONAL CORPORATION Tamsen Valoir, Ph.D.</td> </tr> <tr> <td>Address</td> <td colspan="5">5 Houston Center 1401 McKinney, Suite 2700</td> </tr> <tr> <td>City</td> <td>Houston</td> <td>State</td> <td>TX</td> <td>Zip Code</td> <td>77010</td> </tr> <tr> <td>Country</td> <td>US</td> <td>Telephone</td> <td colspan="2">(713) 951-3381</td> <td>Fax (713) 951-3314</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Name (Print/Type)</td> <td>Michael D. Berger</td> <td>Registration No. (Attorney/Agent)</td> <td colspan="2">52,616</td> </tr> <tr> <td>Signature</td> <td colspan="2"></td> <td>Date</td> <td>March 24, 2004</td> </tr> </table>					Name	JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION Tamsen Valoir, Ph.D.					Address	5 Houston Center 1401 McKinney, Suite 2700					City	Houston	State	TX	Zip Code	77010	Country	US	Telephone	(713) 951-3381		Fax (713) 951-3314	Name (Print/Type)	Michael D. Berger	Registration No. (Attorney/Agent)	52,616		Signature			Date	March 24, 2004
Name	JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION Tamsen Valoir, Ph.D.																																					
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Name (Print/Type)	Michael D. Berger	Registration No. (Attorney/Agent)	52,616																																			
Signature			Date	March 24, 2004																																		

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Dated: March 24, 2004

Signature: 

(Jimmy Patterson)

11324  
U.S. PTO

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\\$) 688.00</b>	<b>Attorney Docket No.</b>	<b>61683-00005USPT</b>
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**METHOD OF PAYMENT (check all that apply)**

Check     CREDIT CARD     MONEY ORDER     OTHER     NONE

 Deposit Account:

Deposit Account Number    **10-0447**

Deposit Account Name    **Jenkens & Gilchrist, a Professional Corporation**

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below     Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity    Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	<b>385.00</b>
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)    (\\$) 385.00****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims	Fee from below	Fee Paid
Total Claims	25	-20** =	5 x 9.00 =	<b>45.00</b>
Independent Claims	9	-3** =	6 x 43.00 =	<b>258.00</b>
Multiple Dependent				=

Large Entity    Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)    (\\$) 303.00**

\*\*or number previously paid, if greater; For Reissues, see above

<b>Complete if Known</b>	
Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Ka-Yiu San
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	61683-00005USPT

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* REQUESTING PUBLICATION OF SIR AFTER	
1251	110	2251 55 Extension for reply within first month	
1252	420	2252 210 Extension for reply within second month	
1253	950	2253 475 Extension for reply within third month	
1254	1,480	2254 740 Extension for reply within fourth month	
1255	2,010	2255 1,005 Extension for reply within fifth month	
1401	330	2401 165 Notice of Appeal	
1402	330	2402 165 Filing a brief in support of an appeal	
1403	290	2403 145 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,330	2453 665 Petition to revive - unintentional	
1501	1,330	2501 665 Utility issue fee (or reissue)	
1502	480	2502 240 Design issue fee	
1503	640	2503 320 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801 385 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)    (\\$)**

(Complete if applicable)				
Name (Print/Type)	Michael D. Berger	Registration No. (Attorney/Agent)	52,616	Telephone (713) 951-3381
Signature		Date	March 24, 2004	

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Dated: March 24, 2004

Signature: (Jimmy Patterson)

Application No. (if known):

Attorney Docket No.: 61683-00005USPT

## Certificate of Express Mailing Under 37 CFR 1.10

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on March 24, 2004  
Date

  
\_\_\_\_\_  
Signature

Jimmy D. Patterson  
\_\_\_\_\_  
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet  
Check in the amount of \$688.00 #158815  
Check in the amount of \$40.0 #158874  
Postcard  
Seq. Listing  
Declaration of Seq. Listing  
CDROM & CRF disk